

Thomas A Robertson

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,600
citations

361045

20
h-index

377514

34
g-index

35
all docs

35
docs citations

35
times ranked

3723
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles and microparticles for skin drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 470-491.	6.6	684
2	Meropenem dosing in critically ill patients with sepsis and without renal dysfunction: intermittent bolus versus continuous administration? Monte Carlo dosing simulations and subcutaneous tissue distribution. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 142-150.	1.3	294
3	An international, multicentre survey of β -lactam antibiotic therapeutic drug monitoring practice in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1416-1423.	1.3	185
4	Piperacillin penetration into tissue of critically ill patients with sepsisâ€”Bolus versus continuous administration?. <i>Critical Care Medicine</i> , 2009, 37, 926-933.	0.4	166
5	Non-invasive imaging of skin physiology and percutaneous penetration using fluorescence spectral and lifetime imaging with multiphoton and confocal microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 469-488.	2.0	147
6	<i>In vitro</i> and <i>in vivo</i> imaging of xenobiotic transport in human skin and in the rat liver. <i>Journal of Biophotonics</i> , 2008, 1, 478-493.	1.1	106
7	Acute Human Self-Poisoning with Imidacloprid Compound: A Neonicotinoid Insecticide. <i>PLoS ONE</i> , 2009, 4, e5127.	1.1	101
8	Time-Related Single Photon Counting For Simultaneous Monitoring Of Zinc Oxide Nanoparticles And NAD(P)H In Intact And Barrier-Disrupted Volunteer Skin. <i>Pharmaceutical Research</i> , 2011, 28, 2920-2930.	1.7	101
9	Are Commercially Available Nanoparticles Safe When Applied to the Skin?. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 452-468.	0.5	89
10	A preliminary study of atorvastatin plasma concentrations in critically ill patients with sepsis. <i>Intensive Care Medicine</i> , 2009, 35, 717-721.	3.9	85
11	β -Turn Mimetics: Short Peptide β -Helices Composed of Cyclic Metallooctapeptide Modules. <i>Journal of the American Chemical Society</i> , 2004, 126, 4828-4842.	6.6	82
12	Simultaneous determination of seven β -lactam antibiotics in human plasma for therapeutic drug monitoring and pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 134-144.	1.2	82
13	Compatibility studies of acyclovir and lactose in physical mixtures and commercial tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 404-413.	2.0	66
14	Catalytic Mechanism of a Ca^{2+} Hydrolase Enzyme: Evidence for a Gem-Diol Intermediate, Not an Acyl Enzymeâ€”. <i>Biochemistry</i> , 2000, 39, 1522-1531.	1.2	59
15	Fluorescein Derivatives in Intravital Fluorescence Imaging. <i>Cells</i> , 2013, 2, 591-606.	1.8	45
16	Palladium-catalyzed coupling of a propargylglycine derivative.. <i>Tetrahedron</i> , 1992, 48, 3239-3250.	1.0	37
17	Altered Pharmacokinetics of Piperacillin in Febrile Neutropenic Patients with Hematological Malignancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3533-3537.	1.4	37
18	Assessment of Feasibility of Maillard Reaction between Baclofen and Lactose by Liquid Chromatography and Tandem Mass Spectrometry, Application to Pre Formulation Studies. <i>AAPS PharmSciTech</i> , 2009, 10, 649-659.	1.5	36

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19	Liver Transporters in Hepatic Drug Disposition: An Update. <i>Current Drug Metabolism</i> , 2009, 10, 482-498.	0.7	36
20	Hepatic Pharmacokinetics of Cationic Drugs in a High-Fat Emulsion-Induced Rat Model of Nonalcoholic Steatohepatitis. <i>Drug Metabolism and Disposition</i> , 2011, 39, 571-579.	1.7	29
21	Multiphoton microscopy and fluorescence lifetime imaging provide a novel method in studying drug distribution and metabolism in the rat liver in vivo. <i>Journal of Biomedical Optics</i> , 2011, 16, 086013.	1.4	18
22	<i>In Vivo</i> Microdialysis To Determine Subcutaneous Interstitial Fluid Penetration and Pharmacokinetics of Fluconazole in Intensive Care Unit Patients with Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 827-832.	1.4	18
23	Vasoplegic Shock Treated with Methylene Blue Complicated by Severe Serotonin Syndrome. <i>Journal of Medical Toxicology</i> , 2018, 14, 100-103.	0.8	14
24	A novel way to investigate the effects of plasma exchange on antibiotic levels: use of microdialysis. <i>International Journal of Antimicrobial Agents</i> , 2008, 31, 240-244.	1.1	13
25	Severe Hypertension and Bradycardia Secondary to Midodrine Overdose. <i>Journal of Medical Toxicology</i> , 2017, 13, 88-90.	0.8	11
26	Hepatocellular Necrosis, Fibrosis and Microsomal Activity Determine the Hepatic Pharmacokinetics of Basic Drugs in Right-Heart-Failure-Induced Liver Damage. <i>Pharmaceutical Research</i> , 2012, 29, 1658-1669.	1.7	10
27	Smoking cessation interventions for lung cancer patients. <i>Lung Cancer Management</i> , 2013, 2, 61-74.	1.5	9
28	Synthesis of hydroperoxide and perketal derivatives of polyunsaturated fatty acids as potential antimalarial agents. <i>Tetrahedron Letters</i> , 1998, 39, 4401-4404.	0.7	8
29	Pharmacokinetics of fluconazole in critically ill patients with acute kidney injury receiving sustained low-efficiency diafiltration. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 192-195.	1.1	8
30	Oxidation of oxa and thia fatty acids and related compounds catalysed by 5- and 15-lipoxygenase. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 317-322.	1.4	7
31	Current and Emerging Pharmacotherapeutic Options for Smoking Cessation. <i>Substance Abuse: Research and Treatment</i> , 2013, 7, SART.S8108.	0.5	7
32	Liver Fibrosis Impairs Hepatic Pharmacokinetics of Liver Transplant Drugs in the Rat Model. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 442-449.	1.1	4
33	Pramipexole Overdose Associated with Visual Hallucinations, Agitation and Myoclonus. <i>Journal of Medical Toxicology</i> , 2017, 13, 343-346.	0.8	3
34	Changes in Antibiotic Distribution Due to Pancreatitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3008-3011.	1.4	2
35	Influencing Factors in N-nitrosodimethylamine (NDMA) Impurity Detection in Ranitidine and Possible Reactivity of other Histamine H2 Receptor Antagonists. <i>Journal of Pharmaceutical Innovation</i> , 0, , 1.	1.1	1